THE LOGGER'S

BARK

1916 RADIO CLUB of TACOMA 2019

APRIL, 2019 VOLUME 16, ISSUE 4 @Radio Club of Tacoma W7DK

Celebrating our first year at Eagles Aerie #3

It's hard to believe but it's now been one year since our General Meetings moved from the Administrative Branch of the Tacoma Public Library to the Eagles Aerie #3 at 4810 South Tacoma Way. Looking back at the attendance roster from that meeting, the turnout was indeed tremendous. And while some months attendance is up and others it is down, overall I think our members are by-and-large satisfied with the new venue.

Some of the benefits are appreciated by pretty much everyone – the large, easy parking lot; nice amenities such as comfortable seating space in a pleasant room, fixtures already there such as coffee maker and ice machine, and of course a bar for anyone wanting an adult beverage after the meeting. I frequently spend another half hour visiting with fellow members or officers over a beer after the meeting adjourns. It's also nice having an actual "stage" up front should we ever have another presentation such as those given by "Wild Bill" AD7QI or anyone wanting to be up a little higher for a presentation.

It's been nice having a surround sound system that works well, is always in the room and working, and has plenty of inputs for the various sources I need to run when setting up for a presentation. It sure beats the "who knows what will work or not?" at the library that I used to deal with. Remember all the times I would have to drag my own sound system into the room in order to have the program actually be heard? I'm glad to have that all be in the past.

Beginning January, the Eagles started offering sandwiches as an option and we all know how that turned into a bit if a "situation" for some members. Alas, sometimes good things come that might still have a few bugs to be worked out. Our lunch plans were no exception. But I think it's all worked out now – no, we likely won't have quite the little menu system we had envisioned. But Kitchen Manager Kat assures us that going forward things will run smoother and I think everyone should be able to find something they like. And of course, Anne N7ANN will continue to bake cookies and such, as well as making up the punch and juice so many enjoy each month. So we just "inked the deal" for another year at Eagles Aerie #3 at this month's meeting. And they didn't even raise our rent! It's still $600 for the year, or merely $50 per meeting. Now, I do realize there are some who feel that we should find a place that can be had for free. Anyone wanting to present something like this for next year, all you need to do is work it out with that location's manager, take photos and write up a presentation to take to the Board of Directors explaining why your location would be

THE PRESIDENT'S CORNER

DAVE W7UUU

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Summer's here so enjoy the weather, work on those antennas, attend interesting radio events and hang out at the clubhouse on a Saturday.

better suited for us, and your ideas will most certainly be considered. That's the very process that was followed when choosing the Eagles club – and ultimately it was voted to be approved by the Board as well as a "show of hands" vote by the membership (all but one member in the room voted for the change). So if you want to voice your opinion for a venue change, that's the process and the Board of Directors will be happy to consider your proposal for next year beginning April 2020.

For now, I think the majority who attend the General Meetings are at least content, if not outright pleased with the new arrangements. I look forward to another year of fun, insightful, and informative General Meetings with the Radio Club of Tacoma at Eagles Aerie #3.

Have a great start to your Spring and I'll see you at the next meeting. (*May 4, 2019, ed.)*

73

Dave

W7UUU

Builders Bench by P. J. Hicks N7PH

I know there are a large number of experimenters and builders in the Radio Club of Tacoma but I'm not receiving any input from those members on what they are doing around their shacks. I stay pretty busy in my shop but I don't feel right posting only my efforts every month. Help me out guys! Snap a few pics and take a few notes and send them to the Bark. Other members ARE INTERESTED and they may contact you for help with a similar project or with suggestions. Any material closely Ham Radio related is welcome.

I'm currently working on with a new design straight key. A straight key is nothing more than a switch… pretty simple OK. So what makes one key better, different, or more favored than another? Judging by the number of variations out there, there are any number of personal factors. My requirements for this key were; a. Magnetic action, b. Heavy base, c. Clean, uncluttered appearance, and d. Spherical knob (experimental).

The magnet I used is a 0.375" dia. rare earth neodymium N52 with 8 plus pounds of pull. The 3" dia. X 1" thick base plus parts weighs about 40 ounces. Only the actuator knob and two connection posts protrude above the top surface. And the 1.250" dia. spherical ball knob provides, so far, a satisfactory grip for most all gripping/sending styles and somewhat provides the functions of a regular skirt piece. All adjustments are from underneath. Adjustments include magnetic force (tension), arm leveling/rebound, and contact gap.

Facing & parting off the base

Checking fit, finish and looks

Mockup of the finished look

Harry Adams, W7HSA, passed away Sunday April 7, 2019

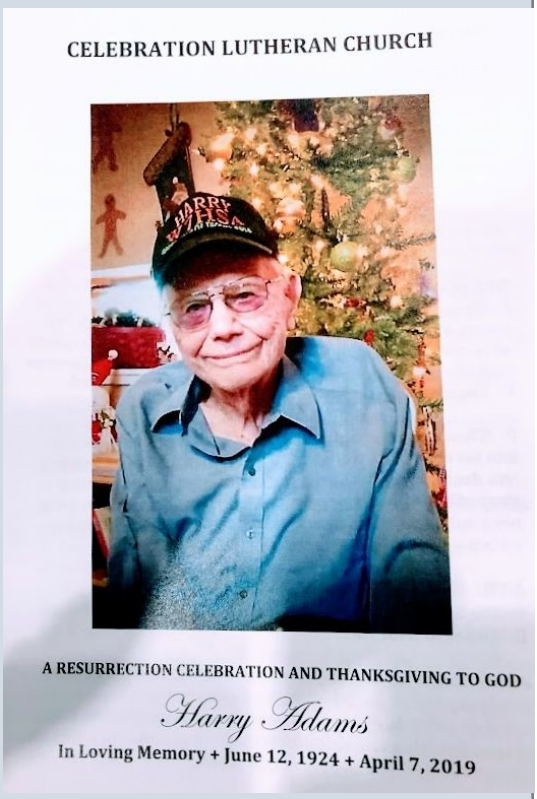
Harry's Memorial Service was held this morning, April 13th, at 10:00 AM at Celebration Lutheran Church in Puyallup, WA - a church he co-founded back in 1981. He had been an avid member of The Radio Club of Tacoma W7DK since becoming a member in 2005. He joined in many activities, with a lot of love for Field Day as well as operating the W7OS Doc Spike Memorial Museum station in the W7DK clubhouse.

Harry Adams W7HSA - 1924-2019

Harry S Adams, age 94, passed away peacefully on April 7, 2019. He was born just minutes ahead of his twin sister Ruth (who always insisted she was first) in Kansas. He studied physics and met Berniece, the love of his life, while pursuing his doctorate at the University of Minnesota. They enjoyed 59 years together before she preceded him in death in 2012, and are now back together in heaven.

They enjoyed square dancing, bowling, and camping in their trailer. They were both very active volunteers at Celebrate Seniority and at their church. He taught physics at PLU and especially liked working one-on-one with his students in the lab. In retirement, he enjoyed playing golf and later, talking with people around the globe via ham radio [as W7HSA]. He will be remembered for his generosity and sense of humor.

Celebrating his life and mourning his loss are his four children, Carol (Brent) Norquist, Debra Adams, James Adams, and Linda Adams, along with grandchildren Bradon (Jordan) Norquist and Kathy (Frank) Earhart, his nieces and nephews, and many friends.


CELEBRATION LUTHERAN CHURCH
A RESURRECTION CELEBRATION AND THANKSGIVING TO GOD
Harry Adams
In Loving Memory • June 12, 1924 • April 7, 2019

The family would like to express their appreciation to the caregivers at Caring Arms Family Home for their loving care these past few years.

In lieu of flowers, please consider donating to the Alzheimer's Foundation of America.

Harry will be remembered and missed by his many friends at the Radio Club of Tacoma.

Amateur Radio in Space pioneer astronaut Owen Garriott, W5LFL, SK

The ARRL reports that the US astronaut who pioneered the use of Amateur Radio to make contacts from space — **Owen K. Garriott, W5LFL** — died April 15 at his home in Huntsville, Alabama. He was 88.

Garriott's ham radio activity ushered in the formal establishment of Amateur Radio in space, first as SAREX — the Shuttle Amateur Radio Experiment, and later as ARISS — Amateur Radio on the International Space Station.

An Oklahoma native, Garriott — an electrical engineer — spent 2 months aboard the Skylab space station in 1973 and 10 days aboard Spacelab-1 during a 1983 Space Shuttle Columbia mission. It was during the latter mission that Garriott thrilled radio amateurs around the world by making the first contacts from space. Thousands of hams listened on 2-meter FM, hoping to hear him or to make a contact. Garriott ended up working stations around the globe, among them such notables as the late King Hussein, JY1, of Jordan, and the late US Senator Barry Goldwater, K7UGA. He also made the first CW contact from space. Garriott called hamming from space "a pleasant pastime."

Although Garriott had planned to operate on ham radio during his 10 days in space, no special provisions were made on board the spacecraft in terms of equipment — unlike the situation today on the International Space Station. Garriott simply used a hand-held transceiver with its antenna in the window of Spacelab-1. His first pass was down the US West Coast.

"[A]s I approached the US, I began to hear stations that were trying to reach me," he told QST. "On my very first CQ, there were plenty of stations responding." His first contact was with Lance Collister, WA1JXN, in Montana.

Editor's Note; Due to the important contributions of Owen Garriot to the Amateur Radio Community I thought it appropriate to inform our readers of his passing. pjh, n7ph, ed.

CLASSIFIED

The possibility of reintroducing a Classified section to the monthly Logger's Bark is being discussed.

If this idea interests you or if you have comments regarding the inclusion of a member's sale section please send me an email or catch me at one of the Saturday Open House gatherings to discuss your ideas.

Logger's Bark editor, P. J. Hicks, N7PH

FDIM – **F**our **D**ays **I**n **M**ay (associated with the Dayton, OH Hamvention)

Get it on your calendar now! Thursday-Sunday, May 16-19, 2019.

If you haven't attended before, this is a great year to make it your first. QRP-ARCI, QRP Amateur Radio Club International, sponsors this annual event in parallel with the 'Dayton Hamfest' for the QRP enthusiasts. A "Don't Miss" event for the QRP operator.

Registration and getting acquainted begins on Wednesday evening. Seminars are most of the day Thursday, with "meet the speakers" and an open room for some casual show and tell and plenty of time to swap tales that evening. Most of Friday daytime is open to attend the Hamvention and visit the QRP-ARCI Toy Store. Friday evening activities usually include "show and tell", vendor displays and maybe a judged home brew contest. Most of Saturday is again open for the Hamvention, and we have a great social event, banquet, awards presentation and door prizes that evening. Sunday is the Hamvention, and check-out.

Most of the speakers for the seminar have been contacted and confirmed. We'll have a "meet the speakers" social gathering after the seminar, where you'll have an opportunity to meet, question and discuss QRP with the speakers.

Don't miss out on the show and tell. You can to bring out your QRP related projects and put them on display. Your contemporaries will have a chance to roam through the displays and see the excellent craftsmanship used in these special exhibits.

It shouldn't surprise you to find a contest or two during the weekend. We've had QLF, split paddle, CW and other fun activities in the past.

We're lining up vendors for the vendor showcase. One evening, there will be several vendors with QRP related products displaying their wares. Many will offer special FDIM discounts.

In the past, the hotel has been accommodating with discount meal tickets. You'll find fast food restaurants across the street from the hotel.

This is preliminary information. A complete schedule and list of activities will be posted on the web site as we move through the process.

Dress is casual for all events.

Use this link to get registered for FDIM 2019!

Want to see who's planning to attend? 2019 Registered List

We will again be at the Holiday Inn, Fairborn, OH. Reservations are available now through www.QRPARCI.org. Remember, all discounted hotel rooms are released only through QRP-ARCI.

Questions or comments:

Norm Schklar, WA4ZXV

2019 ARRL National Convention at Dayton Hamvention®

HAMFEST/CONVENTION

05/17/2019

Start Date: 05/17/2019
End Date: 05/19/2019
Location: Greene County Expo Center
120 Fairgrounds Road, Xenia, OH 45385
Website: http://hamvention.org
Sponsor: Dayton Amateur Radio Association
Type: ARRL Convention
Talk-In: 146.940- (PL 123), Bulletin System - monitor 145.525
Public Contact: Henry Ruminski , W8HJR
PO Box 964 Dayton, OH 45401
Phone: 937-232-9272
Email: media@hamvention.org

Hamvention, the largest annual Amateur Radio gathering in the US, and the ARRL National Convention will share the joint theme of "Mentoring the Next Generation" of Amateur Radio operators.

As host of the 2019 ARRL National Convention, Hamvention will feature dozens of forums covering a variety of Amateur Radio topics in the areas of technology, public service, on-air operating, training, and learning. A track of presentations will be organized to build on the mentorship theme, encouraging more individuals and radio clubs to lead new and inexperienced radio amateurs to become more active, involved, and engaged.

The National Convention will feature ARRL EXPO — a large assembly of exhibits, activities, and representatives for ARRL programs and services. Details will be posted as these become available.
Hamvention2019 will be the third held at the Greene County Fairgrounds and Expo Center in Xenia since the event relocated from Dayton. In 2018, Hamvention recorded its third-largest attendance ever with 28,417.

Since 1952, Hamvention has been sponsored by the Dayton Amateur Radio Association® (**DARA**), an ARRL-affiliated club, and is supported by volunteers from radio clubs throughout the country. In past years, Hamvention has regularly served as the ARRL Great Lakes Division Convention. Hamvention hosted the ARRL National Convention most recently in 2005 and 2009.

The Hamvention **website** will include details on how to obtain convention tickets as well as information about forums, exhibits (including vendor and flea market accommodations), travel, and preferred hotels with special rates. Convention tickets are $22 in advance or $27 at the gate. Tickets cover admission for all three days. Electric scooter rental information can also be found at the Hamvention website. Onsite RV camping is managed by the Greene County Fairgrounds.

All major airlines serve the minutes-away Dayton International Airport (DAY), and there are the additional options at the Columbus and Cincinnati, Ohio, airports. Plan your trip to Hamvention® at **www.greenecountyohio.org** and **www.daytoncvb.com**.

Radio Club of Tacoma Equipment Sales

April 2019 Items available

NEW ITEMS ARE IN RED

ITEM	PRICE
1. Millen Grid Dip Osc.	$75.00
2. Tube Tester Meter	$5.00
3. Meter Tube Tester Jewel	$5.00
4. Heath Clock GS-1000	$50.00
18. Yaesu HF PWR AMP FT-2100B	$300.00
25. Kenwood XTAL Filter YG-455C-	$50.00
41. Suitcase with Tektronix scope camera	$50.00
57. Triplett VOM 360	$75.00
73. HP TRUE RMS METER 3403A SN: 1223A00525	$50.00
84. Comet Triplexer CFX-514	$40.00
94. TEN TEK HF XCVR UNI 6+	$400.00
94A. TEN TEK Power Supply OMNI PS P/O # 94	
99. Icom HF XCVR IC-701/PS IC-701PS	$100.00
101. Timewave TNC Terminal DSP-9+	$25.00
102. Radioshack Power Supply 22-127E 12vdc/1.75A	$2.00
110. Kenwood HF XCVR TS-850S SN# 70100203	$300.00
111. Heathkit Ant Tuner SA-2040	$200.00
112. Swan SWR METER WM-2000	$75.00
113. Tigertronics Signal Link	$75.00
114. Astron Power Supply RS-12A	$ 25.00

AS OF 13 APRIL 2019

Please contact Red Cranefield, WB7EC, at WB7EC@w7dk.org OR any club PMT officer with questions or to purchase any of these items or to inquire about other items possibly in the club's inventory. We constantly get new inventory so if you want or need something in particular ask. It may be available.

WW7LW wins 2018 ARRL VHF Contest

Another feather in the Radio Club of Tacoma's cap. Rich, KR7W reports that the Mt. Rainier Amateur Radio Club has taken top honors in the recent VHF contest sponsored by the ARRL in the Limited Multi-operator category. They scored an impressive 288 points. The MRARC is an affiliated club of the RCT of which Rich is the license trustee.

Rich KR7W, Chuck AC7QN, Mike W7MKE, Al N7OMS, and Randy WB4SPB Participated in these fruitful efforts.

Revolutionary New Discovery

Radio Club of Tacoma Logger's Bark April, 2009
A Paid Advertisement
Mr QI, Bill: Cultivating his antenna farm for an upcoming contest
AD7QI presents...
A Revolutionary Break Through in Amateur Radio...
It is what all Amateur Operators have been waiting for...
Qi Antenna Farm Fertilizer
Select a blend for your Band or Mode of Operation:
160 Meter Groundwave
80 Meter NVIS (WGers)
40 Meter Gray Line
30 Meter Digital/RTTY
20 Meter Special DX/Contest
15 Meter MUF Extender
10 Meter Instant Linear
6 Meter Sporadic E Blend
For more info... see:
www.QI-DX-fertilizer.net or
www.qrz.com AD7QI
AD7QI Antenna Farm Fertilizer 20 Meter DX Special Blend Contest Quality ULTRA DX
AD7QI Antenna Farm Fertilizer 30 Meter RTTY Blend Contest Quality ULTRA DX
AD7QI Antenna Farm Fertilizer 160 Meter Groundwave Blend Contest Quality Longwave
AD7QI Antenna Farm Fertilizer 40 Meter Gray Line Contest Quality ULTRA DX

Local Ham invents Revolutionary New Product to enhance Ham Radio...Local RCT Club Member, Bill Wright, AC7QI, has invented and is producing 'Antenna Farm Fertilizer'. Bill reports to RCTWN that it was one of those times "where dumb luck triumphed over science". Pals close to Bill say that he was emptying the filing catch basin under his large metal lathe. He was taking the filings in his wheel barrow to a large bin at the rear of his property. Bill's dog, Critter, had spotted a rabbit and began to chase it. Critter ran under Bill's feet, knocked him down, and the load of metal filings spilled all over the area under his tower. Bill tried to clean the material up with a rake and shovel... but that just spread it around. Tired and dirty, Bill retreated to his ham shack and was tuning around the 20 Meter Band where he noticed a lack of noise and an increase of signals. This stroke of dumb luck got Bill thinking, reports his ham buddy, Al. "Ya just can't dump iron filings anywhere you want 'cuz it is bad for the ground water and it is harmful to the critters," Al says Bill said. Off to the shop/lab Bill went and after a few weeks he had formulated different blends of fertilizer for different purposes. "Want to work a contest on 20 SSB?", asks Bill... "You need the 'Special Contest Quality DX Blend' to spread under your antenna. It works every time, lasts two or three days, and wont harm the critters or the environment". Bill's QI Antenna Farm Fertilizer is sold by various ham radio suppliers, such as: Continued on Page 36.. .

Article courtesy of Rich KR7W from RCT Logger's Bark April, 2009.

And don't forget the **FREE** New York steak (12 oz.) lunch with twice baked potatoes, corn on the cob, mixed green salad, fresh picked green beans, various deserts and an open, no cost wine bar at the May 2029 general meeting. Prime rib optional on request. Details on page 36.

April Fool's everybody;-)

AMERICAN RADIO RELAY LEAGUE

RADIOGRAM

CITY OF ORIGIN	STATION	NUMBER
Tacoma, WA	W7OS	999T

TO:– **RADIO CLUB OF TACOMA BARK READERS… A Bit of Ham Radio History**

Dec 12, 1901– is the date that Guglielmo Marconi successfully transmitted a radio signal across the Atlantic from England to Newfoundland– some 2000 miles.

In early 1902– thousands of electrical experimenters gave up their motor experiments and backyard telegraphs and delved into radio.

In 1904– The US Army, US Navy, and Radio Experimenters– also known as Amateurs are the main users of radio. The Army's 6 wireless stations, Navy's 20 Shore Stations and 24 Ship Stations were suffering from extreme interference from themselves but mostly from Amateur Experimenter stations.

There were no rules or regulations

Radio users and experimenters were amazed at the technology of radio. They soon figured out that the Spark Gap transmitter—transmits on all frequencies. The receiving equipment was also very broad– now known as poor selectivity. The result was that Everybody hears Everybody. Just like today– the Big Gun station or the big Spark station would be heard the loudest.

In 1906- The Crystal (as in Crystal Set) detector was discovered. When tuning coils and capacitors were combined with the Crystal or Diode detector– then selectivity and sensitivity was immensely improved.

In 1908- An Amateur radio operator could obtain a 'call sign' from Modern Electrics Magazine published by the Wireless Association of America. The Amateur could send in Fifty Cents to be registered in the Wireless Blue Book- and be granted a call sign of their choice (like Vanity of today) or be assigned a call. Applicants had to give their name and address, the wavelength (frequency) they operated on, and the length of the transmitters spark gap.

In 1908- A 2 KW Spark Transmitter could be heard 300 to 400 miles away. Amateurs with limited antenna space operated on 250 to 300 Meters (1 MHz to 1.3 MHz). Stations with high power and large antennas operated on 300 Meters and higher (1 MHz to 300 KHz). Military stations operated on 1000 Meters (300 KHz and lower).

In 1909- The US Navy is having a hard time communicating amongst their own stations due to interference by Amateur Radio operators.

-30- by Rich KR7W

REC'D AT STATION W7DK PHONE GR4-1232 TIME 1900

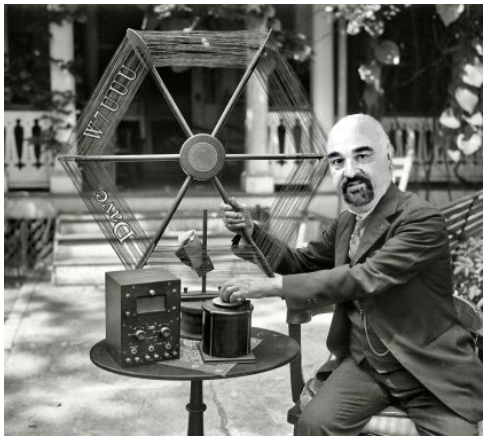
ADDRESS 1248 S Washington St, Tacoma, Wash DATE 5/1/55

This Message was transmitted free of charge by Amateur Radio Stations of the American Radio Relay League. Answer will be sent free by filing at this station.

FORM 4 PRINTED IN U.S.A.

Saturday Activities around the Clubhouse

Bob K7MXE runs analyzer SW



Impromptu antenna experiments on a rare sunny morning draws interested assistants and onlookers.

Randy AD7FF, Jim W7OWI, Bob K7MXE, and Rich KR7W testing antennas

Bob K7MXE donated Cedar Planter box

Pacific Northwest DX Convention

The 64th annual **Pacific Northwest DX Convention** is coming up August 9-11 in Everett. This is one of the premier conventions for the HF enthusiast. As a member of the hosting group, Western Washington DX Club, I extend a warm welcome to attend. Once you go, you will go again. One of the cool aspects of this event is it rotates location every year. We are in Everett this August, Portland in 2020, Spokane in 2021, and Vancouver BC in 2022. Then back to Everett. It's a great time, with great people. We are offering a one day package this year as well, so you can just drop in for the Saturday sessions if you are not wanting to stay for the banquet and Sunday morning program.

I hope to see you at the convention!

www.pacificnwdxconvention.com

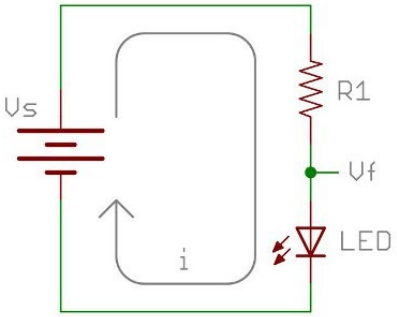
73 John W7CD

2019 Convention Program Chair

Beginners Page: LED Current Limiting Resistors

Current limiting into an LED is very important. Resistors behave linearly according to Ohm's law: V = IR. For example, increase the voltage across a resistor, the current will increase proportionally, as long as the resistor's value stays the same. Simple enough. LEDs do not behave in this way. They behave as a diode with a characteristic I-V curve that is different than a resistor.

For example, there is a specification for diodes called the characteristic (or recommended) forward voltage, usually between 1.5-4V for LEDs. You must reach the characteristic forward voltage to turn 'on' the diode or LED, but as you exceed the characteristic forward voltage, the LED's resistance quickly drops off. Therefore, the LED will begin to draw an increasing current and if too much, burn out. A resistor is used in series with the LED to keep the current at a specific level called the characteristic (or recommended) forward current.



Using the circuit to the right, you will need to know three values in order to determine the current limiting resistor value.

i = LED forward current in Amps (found in the LED datasheet)
Vf = LED forward voltage drop in Volts (found in the LED datasheet)
Vs = supply voltage

Once you have obtained these three values, plug them into this equation to determine the current limiting resistor:

Also, keep in mind these two concepts when referring to the LED circuit above.

$$R = \frac{Vs - Vf}{i}$$

The current, i, coming out of the power source, through the resistor and LED, and back to the current source is the same.
The voltage drop across the resistor, in addition to the forward voltage drop of the LED equals the supply voltage.

Example 1

What current limiting resistor value should you use if you have one LED and want to power it with a supply voltage of Vs = 3.8V?

To calculate the current limiting resistor, you first need to look in the datasheet for the LED's recommended forward voltage and forward current specifications. In this example, they are 3.1V and 30mA respectively.
Don't forget to convert all of your units to Volts, Amps, or Ohms! e.g. 1mA = 0.001Amps

If you plug the values into the above equation, you get:

$$R = \frac{3.8\text{V} - 3.1\text{V}}{0.03\text{A}} = 23.3\,Ohms$$

23.3 Ohms might be an odd value to find, so round up to the next highest common value.

Radio Club of Tacoma

General Membership Meeting

March 2, 2019

Meeting called to order at 13:27 by W7UUU at Tacoma Eagles Aerie #3, 4810 S. Tacoma Way

Officers and Directors Present:

President **Dave Ellison W7UUU**

Treasurer **Steve Dightman AF7YD**

Board **Red Cranefield WB7EC**

Board **Phil Pia K7PIA**

Board **Adam Barbera W2NCC**

Board **Paul Matney W7PFU**

Pledge of Allegiance : led by Dave Ellison W7UUU

Welcome and Self Introductions

Guests: Gary Davis KI7TWX, new RCT Member

New Calls: none noted

Self-Introductions followed

Health and Welfare

Worth Gurley W7WG moved from hospital to assisted living at Orchard Park in Tacoma

Secretary's Report:

Usual stuff: periodicals, utility bills, bank statements, membership renewals and property tax bills (Real Estate $3,490.79 and Personal Property $47.25).

Treasurer's Report: Up-to-date on payments on all bills submitted

President's Report: nothing this meeting

Committee/ Activity Reports

Membership

George Salisbury K7GRS reported membership at 238 with renewals and promotional memberships still being submitted.

Training

Tech License Training March 9-10 at clubhouse

General License class ongoing through March 21 (Dave Brooks N7HT)

New General License Class training will begin in April and last 10 weeks (Dave Brooks N7HT)

VE Report: none submitted

HF Operations:

Phil Pia K7PIA reported two HF stations working well

New vertical 6-80M antenna up and working well

Work on grounding and bonding of HF stations partially completed

Discussions and planning for more ergonomic HF stations underway

Repeater ops (K7TMW)

No report from chairperson. Lloyd Brooks AG7CX re: 147.215 repeater working Satisfactorily except for some contacts further away.

IT Report (WB4SPB)

"Everything Green"

Museum (KR7W) : No report

Facilities Mgmt (W2NCC)

Ongoing planning to remove electrical subpanel from HF room

Plans underway to run coax from HF to garage for future antenna projects

Still some signs of rodents

Property Mgmt (WB7EC)

Last month's raffle brought in $44

February Sales were $511

Mike & Key is March 9-10

4th Weds Activity Night (WB4SPB)

Upcoming TBD

Last event was a show and tell of vintage radio, balun, etc. and demonstration of differ ent computer programs to interface with SDR Receivers.

New Business: None

Unfinished Business and Announcements

Hosts solicited for RCT table at Mike & Key Hamfest

Dave W7UUU asked people to keep the WA State Fair in mind as hosts are always needed

PJ Hicks, N7PH editor of the *BARK* requested member input for *BARK* content

Program

This month Adam Barbera W7NCC covered preliminary plans for Field Day 2019 which will be June 22-23

Field Day Principals are:

Increase the fun factor

Have a shared experience

Mentoring

Field Day needs managers for:

GOTA station

VHF/UHF station

20M CW station

Power manager

Security Manager for Friday night

Tuning and Traffic

Dave W7UUU showed three unusual QSL cards recently discovered in RCT's stack of cards that Ann N7ANN is trying to organize and log.

Door Prize

20 Amp power supply won by Verna, KF7SCB

Raffle Prize

Multimeter kit won by PJ Hicks, N7PH - *Subsequently built and donated to RCT RF Lab, N7PH ed.*

Attendance:

37 signed the log submitted with this report

Respectfully Submitted

s/Mike Drorbaugh – W7MKE

Acting Secretary

Radio Club of Tacoma
Board of Directors Meeting Minutes
March 6, 2019

Meeting called to order at 1900 PST by President Dave W7UUU

Officers and Directors Present

President	Dave Ellison W7UUU
Vice President	Mike Mikuchonis W7XTZ
Secretary	Mike Finnie W7MWF
Treasurer	Steve Dightman AF7YD
Board	Bruce Hanson WE7P
Board	Adam Barbera W2NCC
Board	Red Cranefield WB7EC
Board	Phil Pia K7PIA

Quorum? A quorum was seated. There were 14 names on the sign-in sheet, a copy of which is filed with these minutes

Silent Key or Illness? Peter AD7EU had been in touch with Linda AB7YL who reported that the condition of her dad Harry Adams W7HSA is deteriorating. Peter also let us know that he is scheduled for surgery on Monday, March 11. The Club's well wishes, good thoughts, and prayers are with all of them

Approval of Minutes The minutes of February, 2019 Board Meeting were approved as circulated.

Secretary's Report Mike W7MWF reported receipt of the usual Correspondence: Memberships, Utilities, Subscriptions. Bank Statements. Property Tax bills received: Real Estate $3490.79 | Personal Property $47.25. H also expressed thanks for Mike W7MKE pinch-hitting as scribe for the March General Meeting.

Treasurer's Report Steve AF7YD presented his Treasurer's Report and advised that all deposits have been tendered and all bills paid, including the property tax bills. A copy of Steve's report is filed with these minutes.

Steve also brought up the feasibility of the club offering the capability of processing credit card transactions for dues and member purchases. The idea was well-received, and Steve will do additional research and report back to the BOD at the April meeting.

Committee / Reports

Membership George K7GRS reported current membership stands at 235, with several renewals and new memberships in the hopper.

George submitted a budget request for $500 to cover anticipated expenses for both the membership drive and the Salmon Run Pledge Drive. Following discussion, the BOD approved $700 for the Membership/SR budget. A copy of George's budget request is filed with these minutes.

Training Tech License Training will be held March 9/10

General License Training Jan 17 through Mar 21
VE Testing March 12
Dave N7HT will commence General License Training on April 18 through June 20.

Info Tech and Website Randy WB4SPB reports all equipment is functioning within acceptable parameters. He advised that the semi-annual bill for web hosting in the amount of $119.40 had been received and has been submitted to Steve for payment.

Randy requested BOD guidance on distribution of announcements regarding estate sales and other ham-related events that are received via website email submissions. After discussion, it was the consensus of the BOD and others at the meeting that the Club would offer to post announcements of such events at the clubhouse for a period of 30 days. Requests can be submitted via email or USPS.

HF Operations Phil K7PIA reported all operating stations are fully capable. The new multi-band antenna installed on the east side of the property is functioning A-OK. The HF committee continues to meet on the second Sunday of each month, and is evaluating plans for grounding and bonding equipment, plus ergonomic and cosmetic improvements to the HF room.

Repeater Ops There were no reports of adverse performance.

Facilities Mgmt Adam W2NCC reported some projects on hold due to weather issues. He also reported that standard maintenance, cleaning, and rodent control is ongoing.

Property Mgmt Red reported sales for February were $511 for surplus and $92 for raffles. Gear is staged to be transported on Friday for the Mike and Key Flea Market.

Museum On behalf of Rich KR7W, Randy WB4SPB reported that the Doc Spike Museum will be placing a revolving exhibit on one of the shelves of the newly installed circulating library niche at the back of the classroom.

Weds Workshop The 4WAN presentation on March 27 will be by Rich KR7W focusing on the Wild and Wooly Early Days of Amateur Radio – 1903-1928.

General Meeting The presentation at the March General Meeting was provided by Adam W2NCC who updated the membership on plans for the 2019 Field Day.

Unfinished Business

President Dave W7UUU reported that all but one committee chairs from 2018 will continue to serve for 2019. Anne N7ANN has been appointed as the new W7DK QSL Manager. Thank you Anne.

Mike W7MKE reported that the material list has been developed for construction of storage building. He will soon be posting the list and will be soliciting sponsorships and donations of any materials that members might have on hand as excess.

New Business

George requested that the Club assume the costs associated with the email distribution list program, which amount to $114 annually. The Board agreed to reimburse George for future expenditures connected with providing the email broadcast system.

The food service mix-up at the most recent General Meeting was discussed. Dave W7UUU will meet and coordinate with the staff at the Eagles Club with hopes of resolving any misunderstandings or shortcomings.

Dave W7UUU advised that in April our agreement with the Eagles Club for meeting space will be up for renewal in April. Action will be taken regarding renewal at the April BOD meeting.

It was reported that donations to the kitty for coffee, chips, and similar snacks at the General Meetings has been typically dismal. Dave will henceforth announce at the beginning of the meetings the presence of the tip jar and the distinction between the Eagle's tip jar and the W7DK tip jar.

Activity Reports and Discussion Topics

Mike and Key Hamfest March 9. The Club will have 2 sales tables downstairs and an info table upstairs.

Logging alternatives and correlation of entries in the various logging programs and repositories was discussed without any action being taken.

Announcements

Comm Academy will be held April 13/14. Check with Steve AF7YD for more info. Also, the Microham Digital Conference will be on March 23. Phil K7PIA has the details.

Adjournment was at 2001 PST.

Respectfully submitted
Mike W7MWF
Secretary

LUNCH SERVICE at the EAGLE's AERIE#3

Lunch sandwiches served at the General Meetings will continue as usual. The menu selection(s) are somewhat fluid at present so the sign-up menu usually printed on the last page for your convenience will not appear until the situation has become more stabilized.

PLEASE continue to partake of this lunch opportunity!

The Club LINEUP

Club Officers

President: Dave Ellison, W7UUU - w7uuu@w7dk.org

Vice Pres: Mike Mikuchonis, W7XTZ - w7xtz@w7dk.org

Secretary: Mike Finnie, W7MWF - w7mwf@w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd@w7dk.org

5 Board Members

Bruce Hanson, WE7P - we7p@w7dk.org

Paul Matney, W7PFU - w7pfu@w7dk.org

Adam Barbera, W2NCC - w2ncc@w7dk.org

Red Cranefield, WB7EC - wb7ec@w7dk.org

Phil Pia, K7PIA - k7pia@w7dk.org

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Membership Info: FULL (licensed) and ASSOCIATE (non licensed) is $35 per calendar year. $30 for Licensed Seniors (65 and over). Licensed family members at same address pay $20 each for the first two and are free for the third, fourth, and so on. Full-time students, licensed or non licensed, up to age 25 are $20 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for.. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

www.w7dk.org - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia @ 1500 ft. ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3